



PATENT
0020-4652P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Narihiro MOROSAWA et al. Conf.: 7107
Serial No.: 09/471,173 Group: 2826
Filed: December 23, 1999 Examiner: Quinto
For: INSULATED GATE TRANSISTOR AND PROCESS FOR
FABRICATING THE SAME

#10/B
[Signature]

AMENDMENT UNDER 37 C.F.R. § 1.111
RECEIVED

Assistant Commissioner for Patents
Washington, D.C. 20231

DEC 27 2001 December 21, 2001

Technology Center 2800

Sir:

In reply to the Examiner's Office Action dated September 25, 2001, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

Please cancel claims 3-6 without prejudice or disclaimer of any of the subject matter contained therein.

Please amend the claims as follows:

Sub C
2 (Twice Amended) An insulated gate transistor having a gate electrode on a substrate with a gate insulator interposed therebetween, wherein the gate insulator including silicon and oxygen contains both nitrogen atoms and fluorine atoms, and wherein nitrogen atom concentration of the gate insulator is more than $1 \times 10^{20} \text{ cm}^{-3}$.

A circular black ink stamp. The outer ring contains the text "O I P E" at the top and "PATENT & TRADEMARK OFFICE" at the bottom. In the center, the date "DEC 21 2001" is stamped.

IN THE U.S. PATENT AND TRADEMARK OFFICE

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DEC 27 2001.

Technology Center 2600

LARGE ENTITY TRANSMITTAL FORM

December 21, 2001

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
- ☐ The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

| | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | | PRESENT EXTRA | RATE | ADDITIONAL FEE |
|---|---|---|---|---|------------------|-------|-------------------|
| TOTAL | 12 | - | 20 | = | 0 | \$18 | \$0.00 |
| INDEPENDENT | 2 | - | 3 | = | 0 | \$84 | \$0.00 |
| <input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM | | | | | | \$280 | \$0.00 |
| | | | | | | TOTAL | \$0.00 |

Appl. No. 09/471,173

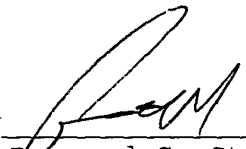
- ☐ Petition for () month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- ☒ No fee is required.
- ☐ Check(s) in the amount of \$0.00 is(are) enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.


If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

 #32,588
for Raymond C. Stewart, #21,066


RCS/REG:gml
0020-4652P

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ATTACHMENT

(Rev. 09/27/01)